

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Marianne Bruggemann  
Serial No.: 10/547,066  
Confirmation No.: 4387  
Filed: May 22, 2006  
For: GENETICALLY MODIFIED NON-HUMAN MAMMALS AND  
CELLS  
Examiner: Q. J. Li  
Art Unit: 1633

**Certificate of Electronic Filing Under 37 CFR 1.8**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: June 11, 2009

Signature: /Michelle Quinn/

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Madam:

**INTRODUCTORY COMMENTS**

In response to the Office Action mailed December 11, 2008, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.